UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

24024

7590

03/19/2007

CALFEE HALTER & GRISWOLD, LLP 800 SUPERIOR AVENUE SUITE 1400 CLEVELAND, OH 44114 EXAMINER

CROSLAND, DONNIE L

ART UNIT PAPER NUMBER

7522

2612

DATE MAILED: 03/19/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
				* *

10/743,419 12/22/

12/22/2003

Lawrence Carl Maier

21220/04162

TITLE OF INVENTION: MULTIPLEXER METHOD AND SYSTEM FOR INTRINSICALLY SAFE APPLICATIONS AND A MULTIPLEXER SWITCH FOR USE THEREIN

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	06/19/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

appropriate. All further of	correspondence includir d below or directed oth	ng the E	Patent, advance or	ders and notification of) specifying a new corre	maintenance fees verspondence address	vill be ; and/or	mailed to the current r (b) indicating a sepa	hould be completed where correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Fee par	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
CALFEE HAL' 800 SUPERIOR SUITE 1400	TER & GRISWO AVENUE	/2007 LD, I	LLP		Cei	tificate	of Mailing or Trans	mission deposited with the United t class mail in an envelope above, or being facsimile ate indicated below.
CLEVELAND, O	OH 44114							(Depositor's name)
		•						(Signature)
								(Date)
APPLICATION NO.	FILING DATE			FIRST NAMED INVENTO	R	АТТО	RNEY DOCKET NO.	CONFIRMATION NO.
10/743,419	12/22/2003			Lawrence Carl Maier			21220/04162	7522
TITLE OF INVENTION: FOR USE THEREIN	MULTIPLEXER MET	HOD A	AND SYSTEM FO	OR INTRINSICALLY SA	AFE APPLICATIO	NS ANI	D A MULTIPLEXER	SWITCH
APPLN. TYPE	SMALL ENTITY	188	SUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO		\$1400	\$300	\$0		\$1700	06/19/2007
EXAMI	NER		ART UNIT	CLASS-SUBCLASS	7			
CROSLAND,	DONNIE L		2612	340-521000	_			
"Fee Address" indi PTO/SB/47; Rev 03-0. Number is required. 3. ASSIGNEE NAME AT PLEASE NOTE: Unio	ess an assignee is ident in 37 CFR 3.11. Comp	" Indica led. Use A TO B	e of a Customer E PRINTED ON Telow, no assignee		ively, the firm (having as a agent) and the nam or or agents. If a printed. /pe) patent. If an assign assignment.	a memb nes of u no nam	p to pe is 3dentified below, the de	ocument has been filed for
Please check the appropri	ate assignee category or	catego	ries (will not be pr	inted on the patent):	Individual C	orporati	ion or other private gro	oup entity Government
4a. The following fee(s) are submitted: Issue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies			ed)	o. Payment of Fee(s): (Ple A check is enclosed. Payment by credit ca The Director is hereb overpayment, to Dep	ard. Form PTO-2038	3 is atta	ached.	ŕ
	SMALL ENTITY state	ıs. See 3	37 CFR 1.27.	☐ b. Applicant is no los	-			
NOTE: The Issue Fee and interest as shown by the re	Publication Fee (if requeecords of the United Sta	uired) w tes Pate	vill not be accepted ent and Trademark	from anyone other than Office.	the applicant; a reg	istered	attorney or agent; or th	e assignee or other party in
Authorized Signature					Date			
Typed or printed name					=			
This collection of informa an application. Confident submitting the completed this form and/or suggestic Box 1450, Alexandria, Vi Alexandria, Virginia 2231	tion is required by 37 C iality is governed by 35 application form to the ons for reducing this bur reginia 22313-1450. DC 3-1450.	FR 1.3 U.S.C. USPTO rden, sh	11. The information 122 and 37 CFR O. Time will vary ould be sent to the SEND FEES OR C	on is required to obtain or 1.14. This collection is ex- depending upon the indi chief Information Offic COMPLETED FORMS T	retain a benefit by the stimated to take 12 vidual case. Any color, U.S. Patent and O THIS ADDRESS	the publiminutes omment Traden S. SENI	lic which is to file (and to complete, includin to on the amount of tir nark Office, U.S. Depa D TO: Commissioner	by the USPTO to process) g gathering, preparing, and ne you require to complete urtment of Commerce, P.O. for Patents, P.O. Box 1450,

PTOL-85 (Rev. 07/06) Approved for use through 04/30/2007.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/743,419 12/22/2003		Lawrence Carl Maier	21220/04162	7522	
24024	7590 03/19/2007	EXAMINER			
CALFEE HALT	TER & GRISWOLD,	CROSLAND, DONNIE L			
800 SUPERIOR	· · · · · · · · · · · · · · · · · · ·	ART UNIT	PAPER NUMBER		
SUITE 1400 CLEVELAND, C	DH 44114		2612 DATE MAILED: 03/19/200	7	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 755 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 755 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.